

**163: HALODESULFOVIBRIO (POSTGATE) MEDIUM**

<b>Solution A</b>	980.00	ml
<b>Solution B</b>	10.00	ml
<b>Solution C</b>	10.00	ml

Bring solution A to the boil, then cool to room temperature while sparging with 100% N<sub>2</sub> gas. Add solutions B and C, adjust pH to 7.8 with NaOH, and distribute under N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes. During distribution continuously swirl the medium to keep the grey precipitate suspended. Autoclave 15 min at 121°C. Adjust pH of the complete medium to 6.8 - 7.0, if necessary.

For DSM 10520: Adjust final pH of autoclaved medium to 7.5 using a sterile anoxic stock solution of Na<sub>2</sub>CO<sub>3</sub> (5% w/v) prepared under 80% N<sub>2</sub> and 20% CO<sub>2</sub> gas atmosphere.

**Solution A**

NaCl	25.00	g
K <sub>2</sub> HPO <sub>4</sub>	0.50	g
NH <sub>4</sub> Cl	1.00	g
Na <sub>2</sub> SO <sub>4</sub>	1.00	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.10	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	2.00	g
Na-DL-lactate	2.00	g
Yeast extract	1.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
Distilled water	980.00	ml

**Solution B**

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	0.50	g
Distilled water	10.00	ml

**Solution C**

Na-thioglycolate	0.10	g
Ascorbic acid	0.10	g
Distilled water	10.00	ml